Manhole Inspection Summary N			Ma	anhole # S27M013	MH	
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Inspection	☐ Is Incomplete	Rating: 3) Fair				
Record Plat: 27	7M Node: 013	Status: Found		Insp Date: 5/5/08 10:2	4 AM	
Incomplete Cor	mments			Crew: skwj Inspector: fwalcott		
				Firm: PER		
Location	Address: 1143 W.Cross St			Cross Street: Cleveland St		
Manhole	Type: Junction	Location: Alley	(Ground Conditions: Dry		
	Prev. Rehab	Weather: Dry	S	Subject To Ponding: None		
Comments						
Cover	Shape: Circular	Diameter: 26	(in.) Lengt	h: 0 (in.) Dist A/B Grade: 0	(in.)	
	Type: Sanitary	Condition: Soul	nd	Cover Material: Cast Iron		
Properties:	☐ Bolted ☐ Vent	ed	☐ Water Ti	ight Insert		
Frame	Offset: 0.5 (in.)	Condition: 🗸 Sound	I ☐ Crack	ked Leaks		
Chimney / Fra	nme Adjustment	Exists Material: Bric l	k	Parged Height: 8	3 (in.)	
Condition:	☐ Sound ✓ Crack	xed ☐ Root Intrusion	✓ Loose	Brick Deteriorated		
Infiltration:	☐ None ☐ Joint	☐ Cracks ☐ Mortar	Roots	✓ Wall		
Corbel	Material: Brick	☐ Parge	ed Type:	Concentric/Eccentric		
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated					
Infiltration:	☐ None ☐ Joint	☐ Cracks ✓ Mor	tar 🗌 Roo	ots 🗸 Wall		
Barrel	Material: Brick	☐ Parge	ed			
Shape:	Circular Di	ameter: 42 (in.) Leng	gth: 0 (in.)			
Condition:	✓ Sound ☐ Crack	ed Root Intrusion	Loose	Brick Deteriorated		
Infiltration:	✓ None ☐ Joint	☐ Cracks ☐ Mort	tar 🗌 Roo	ots		
Bench	✓ Exists Material:	Brick	☐ Parge	d		
Condition:	☐ Sound ☐ Crack	ed Root Intrusion	☐ Deterio	orated Leaks V Debris		
Channel	Material: Brick	☐ Parge	ed			
Channel E	xposure: Partially O	pen Junc Dist: 0	nearest.	5 ft. Azimuth: 0		
Condition:	☐ Sound ☐ Crack	ed Root Intrusion	☐ Deterio	orated Leaks V Debris		
Steps	Count: 3 Missing:	: 0				
Surcharge	☐ Evidence Of Surd	charge Depth: 0 (ft.)	ve Surcharge Present		

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Location View



directly behind 1143 W. Cross St

Cover View



Defect 2



corroded steps

Top View



bh - unknown pipe (old water or gas?) manhole needs cleaning

Defect 3



Deterioration under frame, corbel infiltration evidence along wall

Defect 1



loose bricks, cracked and deteriorating chimney

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Defect 6



Defect 4



heavy debris and sludge in channels

Defect 5

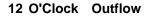


Debris on bench

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8 in. Circular Gravity Sewer Pipe Out @ 12 OClock



3 O'Clock Inflow



Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Pipe Lined

Invert Depth: 6.87 (ft.) Flow Characteristics: Slow

Deposits: None Mud Debris Grease

Silt Depth: 5 (in.) Infiltration: None

Deposits Extent: Heavy

Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 OClock



debris in channel

Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: Clay

Pipe Lined

Invert Depth: 6.12 (ft.) Flow Characteristics: Slow

Deposits: None Mud Debris Grease

Silt Depth: 5 Deposits Extent: Heavy (in.) Infiltration: None Pipe Seal Cond: Sound Drop: None

Connects To: Dead End

Possible Illicit Connection

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9 O'Clock Inflow

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8 in. Circular Gravity Sewer Pipe In @ 9 OClock



Pipe Height: **7.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **6.81** (ft.) Flow Characteristics: **Slow**Deposits: None Mud Debris Grease

Silt Depth: 5 (in.) Deposits Extent: **Heavy**Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: None

Connects To: **Dead End**Possible Illicit Connection